Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056606.D
Acq On : 10 Feb 2023 14:24
Operator : CG/JU
Sample : PB150753BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 16:16:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 15:52:59 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150753BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.209	152	24727	20.000	ng		0.00
21) Naphthalene-d8	11.047	136	96255	20.000	ng		0.00
39) Acenaphthene-d10	14.843	164	84543	20.000	ng		0.00
64) Phenanthrene-d10	17.581	188	234372	20.000	ng		0.00
76) Chrysene-d12	21.858	240	221125	20.000	ng		0.00
86) Perylene-d12	25.230	264	241620	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.736	112	173238	128.881	ng		0.00
7) Phenol-d6	7.369	99	241380	121.198	ng		0.00
23) Nitrobenzene-d5	9.390	82	121813	71.863	ng		0.00
42) 2,4,6-Tribromophenol	16.329	330	128010	113.893	ng		0.00
45) 2-Fluorobiphenyl	13.468	172	428615	70.289	ng		0.00
79) Terphenyl-d14	20.160	244	912402	72.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	25439	45.451	ng	#	93
3) Pyridine	3.926	79	64920	38.911	ng		98
4) n-Nitrosodimethylamine	3.838	42	15765	44.432	ng		89
6) Aniline	7.528	93	96468	36.995	ng		98
8) 2-Chlorophenol	7.774	128	78922	53.447	ng		99
9) Benzaldehyde	7.334	77	41168m	48.422	ng		
10) Phenol	7.398	94	107733	53.222	ng		99
11) bis(2-Chloroethyl)ether	7.616	93	64333	46.238	ng		97
12) 1,3-Dichlorobenzene	8.098	146	84185	49.516	ng		98
13) 1,4-Dichlorobenzene	8.250	146	85281	49.531	ng		98
14) 1,2-Dichlorobenzene	8.573	146	82109	49.152	ng		98
15) Benzyl Alcohol	8.456	79	64777	47.405	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.732	45	13541	45.932	ng		97
17) 2-Methylphenol	8.662	107	75109	48.773	ng		96
18) Hexachloroethane	9.308	117	25968	49.866	ng		94
19) n-Nitroso-di-n-propyla...	9.020	70	49444	43.080	ng		99
20) 3+4-Methylphenols	8.991	107	102657	47.568	ng		98
22) Acetophenone	9.043	105	118379	46.287	ng	#	99
24) Nitrobenzene	9.431	77	76565	46.828	ng		95
25) Isophorone	9.954	82	152577	43.631	ng		99
26) 2-Nitrophenol	10.154	139	47969	48.355	ng		100
27) 2,4-Dimethylphenol	10.207	122	87044m	52.429	ng		
28) bis(2-Chloroethoxy)met...	10.430	93	89554	46.357	ng		96
29) 2,4-Dichlorophenol	10.700	162	98120	52.505	ng		96
30) 1,2,4-Trichlorobenzene	10.906	180	100204	48.252	ng		98
31) Naphthalene	11.094	128	240411	47.321	ng		98
32) Benzoic acid	10.365	122	27584	29.697	ng		96
33) 4-Chloroaniline	11.211	127	64915	27.373	ng		95
34) Hexachlorobutadiene	11.370	225	69323	47.556	ng		97
35) Caprolactam	11.975	113	31826m	50.497	ng		
36) 4-Chloro-3-methylphenol	12.322	107	94934	52.603	ng		94
37) 2-Methylnaphthalene	12.686	142	190266	45.427	ng		97
38) 1-Methylnaphthalene	12.904	142	178933	45.744	ng		95
40) 1,2,4,5-Tetrachloroben...	13.051	216	140187	45.388	ng		99
41) Hexachlorocyclopentadiene	13.021	237	97210	61.015	ng		95
43) 2,4,6-Trichlorophenol	13.291	196	94374	47.415	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.374	196	101256	43.450	ng		99
46) 1,1'-Biphenyl	13.679	154	281975	45.984	ng		100
47) 2-Chloronaphthalene	13.732	162	227264	47.415	ng		99
48) 2-Nitroaniline	13.932	65	47178	47.614	ng		95
49) Acenaphthylene	14.572	152	364568	46.750	ng		99
50) Dimethylphthalate	14.284	163	320872	46.913	ng		99
51) 2,6-Dinitrotoluene	14.414	165	70225	47.080	ng		97
52) Acenaphthene	14.907	154	215382	46.575	ng		99
53) 3-Nitroaniline	14.749	138	49196	34.021	ng		96
54) 2,4-Dinitrophenol	14.966	184	70564	75.461	ng		97
55) Dibenzofuran	15.236	168	386902	46.652	ng		99
56) 4-Nitrophenol	15.072	139	91915	93.023	ng		96
57) 2,4-Dinitrotoluene	15.207	165	103310	49.171	ng		98
58) Fluorene	15.883	166	317488	48.111	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.471	232	97934	47.265	ng		97
60) Diethylphthalate	15.636	149	303947	47.324	ng		100
61) 4-Chlorophenyl-phenyle...	15.865	204	188658	46.851	ng		96
62) 4-Nitroaniline	15.912	138	68332	47.224	ng		96
63) Azobenzene	16.159	77	208851	47.259	ng		98
65) 4,6-Dinitro-2-methylph...	15.971	198	63962	38.818	ng		99
66) n-Nitrosodiphenylamine	16.082	169	294569	44.391	ng		98
67) 4-Bromophenyl-phenylether	16.758	248	132981	44.321	ng		98
68) Hexachlorobenzene	16.887	284	138144	47.010	ng		99
69) Atrazine	17.016	200	124869	48.777	ng		97
70) Pentachlorophenol	17.240	266	128782	72.426	ng		98
71) Phenanthrene	17.628	178	560160	45.665	ng		98
72) Anthracene	17.716	178	580714	46.118	ng		99
73) Carbazole	17.986	167	505520	47.137	ng		99
74) Di-n-butylphthalate	18.509	149	515751	45.801	ng		99
75) Fluoranthene	19.619	202	713078	46.059	ng		99
77) Benzidine	19.790	184	361090	60.343	ng		97
78) Pyrene	19.978	202	721200	45.858	ng		99
80) Butylbenzylphthalate	20.830	149	219514	45.703	ng		98
81) Benzo(a)anthracene	21.840	228	710279	45.946	ng		99
82) 3,3'-Dichlorobenzidine	21.740	252	166579	29.922	ng		97
83) Chrysene	21.911	228	664467	45.751	ng		99
84) Bis(2-ethylhexyl)phtha...	21.693	149	310636	45.110	ng		99
85) Di-n-octyl phthalate	22.945	149	520085	45.351	ng		99
87) Indeno(1,2,3-cd)pyrene	29.114	276	840287	47.509	ng	#	95
88) Benzo(b)fluoranthene	24.155	252	753019	50.211	ng		98
89) Benzo(k)fluoranthene	24.226	252	707279	46.711	ng		99
90) Benzo(a)pyrene	25.072	252	646953	43.793	ng		99
91) Dibenzo(a,h)anthracene	29.173	278	704552	47.456	ng		99
92) Benzo(g,h,i)perylene	30.342	276	678334	47.353	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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